

Play:	2504	Altar/San Luis Basin	
Province:	25	Southern Arizona - Southwestern New Mexico	
Geologist:	Butler, W.C.		Status: hypothetical

Play Attributes:	<u>Probability of Occurrence</u>
Charge	0.95
Reservoir rock	0.95
Traps	0.95
Play Probability	0.86

Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	5 MMBO	50 BCFG
F5 of Largest Accumulation	20 MMBO	200 BCFG
TSP Shape Factor	2	2
Mean (calculated)	6.7 MMBO	69.2 BCFG

Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	1	1
Median	3	3
Maximum	6	6
Mean (calculated)	2.8	2.8

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Ratio of Associated-Dissolved Gas to Oil:	100 CFG/bbl
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Ratio of NGL to Non-Associated Gas:	100 bbl/MMCF
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Ratio of NGL to Associated-Dissolved Gas:	100 bbl/MMCF
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API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
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Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	500	6,500	13,500

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	500	9,000	13,500

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Estimated Resources:

Oil (MMBO)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	6.00	16.20	28.30	47.50	61.80	18.70	15.30

NGL (MMBNGL)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	6.04	16.46	29.18	49.95	65.72	19.30	16.30

Associated-Dissolved Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	0.60	1.62	2.83	4.75	6.18	1.90	1.53

Non-Associated Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.00	0.00	59.80	163.00	289.00	494.70	651.00	191.40	161.50